

# TEKNIFLEX® VA10400

PVC/PCTFE Film

Tekni-Films, a div of Tekni-Plex

Message:

Tekniflex® VA series are designed for thermoforming blister packaging for Pharmaceutical products requiring high barrier to moisture. Thermoformable into small/medium cavities; FDA, EU, USP & EP compliant, Pharmaceutical-grade PCTFE film lamination.

| General Information                          |                               |  |
|--|-------------------------------|--|
| Features                                     | Moisture Barrier              |  |
| Uses   | Pharmaceutical Packaging      |  |
|  | Thermoforming Applications    |  |
| Agency Ratings                               | DMF 1378                      |  |
|  | EP Unspecified Rating         |  |
|  | EU Unspecified Rating         |  |
|  | FDA Unspecified Rating        |  |
|  | USP Unspecified Rating        |  |
| Appearance                                   | Clear/Transparent             |  |
| Forms  | Film                          |  |
| Processing Method                            | Thermoforming                 |  |
| Physical                                     | Nominal Value                 | Unit                                   |
| Specific Gravity                             | 1.55                          | g/cm <sup>3</sup>                      |
| Dimensional Stability <sup>1</sup> (140°C)   | -4.0 to 4.0                   | %                                      |
| Films  | Nominal Value                 | Unit                                   |
| Film Thickness <sup>2</sup>                  | 356                           | µm                                     |
| Yield  | 1.62 to 1.98                  | m <sup>2</sup> /kg                     |
| Roll Width <sup>3</sup>                      | < 110.00                      | cm                                     |
| Thermoforming Molding Temperature            | 100 to 160                    | °C                                     |
| Tensile Strength - MD (Yield)                | 37.9                          | MPa                                    |
| Oxygen Transmission Rate (23°C, 100% RH)     | 19                            | cm <sup>3</sup> /m <sup>2</sup> /24 hr |
| Water Vapor Transmission Rate (38°C, 90% RH) | 0.056                         | g/m <sup>2</sup> /24 hr                |
| Optical                                      | Nominal Value                 | Unit                                   |
| Haze   | 3.0                           | %                                      |
| NOTE   |                               |  |
| 1.   | 30 minutes                    |  |
| 2.   | Thickness tolerance: ±10%     |  |
| 3.   | Roll width tolerance: ±1.5 mm |  |

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

